

FOR NATIONAL PHASE SUBMISSION

2

CLAIM AMENDMENTS

WHAT IS CLAIMED IS:

This listing of the claims will replace all prior versions, and listing, of claims in the application:

1. (Currently Amended) ~~Fluid-A~~ fluid injector ~~with comprising~~

- an actuator unit ~~(3)~~,
- a cartridge ~~(7)~~ which comprises a recess ~~(9)~~, which on one of its open ends forms an injection nozzle ~~(11)~~ and takes in a needle,
 - wherein the needle, ~~that~~ comprises a first and second part ~~(15, 17)~~ with the first part ~~(15)~~ being inserted into the recess ~~(7)~~ and closing or opening the injection nozzle ~~(11)~~ depending on the position of the first part ~~(15)~~, ~~with wherein~~ the second part ~~(17)~~ being coupled to the actuator unit ~~(3)~~ on one of its free ends and being coupled to the first part ~~(15)~~ via a coupling unit ~~(19)~~, which is arranged in positive connection to the first part ~~(15)~~ and is joined to the second part ~~(17)~~.

2. (Currently Amended) ~~Fluid-A~~ fluid injector according to claim 1, with wherein the coupling unit ~~forming forms~~ a spring rest ~~(31)~~, on which a return spring ~~(33)~~ rests, that urges the needle in a position ~~where~~ in which the injection nozzle ~~(11)~~ is closed.

FOR NATIONAL PHASE SUBMISSION

3

3. **Currently Amended**) ~~Fluid~~ A fluid injector according to claim 1, with comprising a receptance ~~(21)~~, which is formed in the first part ~~(15)~~ and fixes a keeper ~~(23)~~ in axial direction relative to the needle, and a coupling body ~~(25)~~, which has a recess ~~(27)~~, through which the first part ~~(15)~~ protrudes and which takes in the keeper ~~(23)~~ and fixes it in the radial direction relative to the needle and with the coupling body ~~(25)~~ being joined to the second part.

4. **(Currently Amended)** ~~Fluid~~ A fluid injector according to claim 1, with wherein the coupling unit ~~(19)~~ ~~being is~~ joined to the second part ~~(17)~~ by welding.

5. **(NEW)** A fluid injector comprising

- an actuator unit,
- a cartridge which comprises a recess, which on one of its open ends forms an injection nozzle, and
- a needle comprising a first and second part with the first part being inserted into the recess and closing or opening the injection nozzle depending on the position of the first part, wherein the second part being coupled to the actuator unit on one of its free ends and being coupled to the first part via a coupling unit, which is arranged in positive connection to the first part and is joined to the second part.

6. **(NEW)** A fluid injector according to claim 1, wherein the coupling unit forms a spring rest, on which a return spring rests, that urges the needle in a position in which the injection nozzle is closed.

FOR NATIONAL PHASE SUBMISSION

4

7. (NEW) A fluid injector according to claim 5, comprising a receptance, which is formed in the first part and fixes a keeper in axial direction relative to the needle, and a coupling body, which has a recess, through which the first part protrudes and which takes in the keeper and fixes it in the radial direction relative to the needle and with the coupling body being joined to the second part.

8. (NEW) A fluid injector according to claim 5, wherein the coupling unit is joined to the second part by welding.

9. (NEW) A fluid injector comprising

- an actuator unit,
- a cartridge which comprises a recess, which on one of its open ends forms an injection nozzle,
- a needle comprising a first and second part with the first part being inserted into the recess and closing or opening the injection nozzle depending on the position of the first part, wherein the second part being coupled to the actuator unit on one of its free ends and being coupled to the first part via a coupling unit, which is arranged in positive connection to the first part and is joined to the second part, wherein the coupling unit forms a spring rest, on which a return spring rests, that urges the needle in a position in which the injection nozzle is closed, and
- a receptance, which is formed in the first part and fixes a keeper in axial direction relative to the needle, and a coupling body, which has a recess, through which the first part

ATTORNEY DOCKET NO.
071308.0743
2003P13444WOUS

PATENT APPLICATION

FOR NATIONAL PHASE SUBMISSION

5

protrudes and which takes in the keeper and fixes it in the radial direction relative to the needle and with the coupling body being joined to the second part.

10. (NEW) A fluid injector according to claim 9, wherein the coupling unit is joined to the second part by welding.